



REMR MATERIAL DATA SHEET CM-SE-1.8

CONCRETE SEALER: TERRACOTE

1. NAME

Terracote

Application rate: 160 to 200 sq
ft/gal

2. MANUFACTURER

Pentagon Plastics Inc.
905 North Railroad Avenue
West Palm Beach, FL 33401
Telephone: 305-655-2111

Overcoating: A further coat of
Terracote can be applied after
overnight cure.

Cleaning: Use water to wash out
brushes and rollers before curing.

Color: Dark gray/clear

3. DESCRIPTION

Terracote Sealer is a penetrating,
water-based epoxy floor coating that
seals and dustproofs concrete floors.

Health & Safety: Some people are sen-
sitive to epoxy resins. It is recom-
mended therefore that gloves, barrier
creams, protective clothing, and eye
goggles should be used when applying
resins and solvents. Should acciden-
tal spillage occur, the affected area
should be cleaned with resin-removing
cream and washed with soap and water;
a solvent should not be used. If eye
contamination occurs, the eye should
be washed with plenty of clean water,
and medical attention should be imme-
diately sought.

4. USES

Terracote is an excellent general pur-
pose floor paint that is simple to
apply. Terracote may be used in
warehouses, cellars, offices, and
industrial premises. It will with-
stand foot traffic and rubber-tired
vehicles.

Packaging and coverage:

A 5-gal pack covers 1,250 sq ft.

A 1-gal pack covers 250 sq ft.

5. MANUFACTURER'S TECHNICAL DATA

Technical data:

Drying time: 18 hr

Walk on: 18 hr at 68° F--low tem-
peratures and poor ventilation may
extend to 48 hr.

Full cure: 7 days before full
industrial use

Note: Coverage rates will vary,
depending on porosity of substrate.

6. MANUFACTURER'S GUIDANCE FOR
APPLICATION

All areas to be treated should be
thoroughly cleaned to remove oil or
grease. New concrete should be wire
brushed and swept if laitance is evi-
dent. Holes or cracks should be
filled with a cementitious filler to
avoid pooling in these areas.

Terracote should be applied by brush or roller at an approximate coverage rate of 160 to 200 sq ft/gal. Two coats may be required on rough surfaces to achieve a continuous surface. Terracote should not be applied in thick layers because this will extend drying times or cause pooling.

7. CORPS OF ENGINEERS' EVALUATION

Physical and mechanical properties:

Percent water absorption (ambient temperature) (ASTM C 642):

1 day	0.02%
2 days	0.04%
4 days	0.04%
7 days	0.06%

Ratio of percent water absorption for treated to nontreated specimen (2-day submersion):

0.85%

Percent water transmission:

2 days	0.08%
4 days	0.14%
7 days	0.23%

Ratio of percent water transmission for treated to nontreated specimen (7-day diffusion):

6.5%

8. ENVIRONMENTAL CONSIDERATIONS

Reasonable caution should guide the preparation, repair, and cleanup phases of sealant activities involving potentially hazardous and toxic chemical substances. Manufacturer's recommendations to protect occupational health and environmental quality should be carefully followed. Material safety data sheets should be obtained from the manufacturers of such materials. In cases where the effects of a chemical substance on occupational health or environmental

quality are unknown, chemical substances should be treated as potentially hazardous toxic materials.

9. AVAILABILITY & COST

Information concerning the availability and cost of Terracote can be obtained by writing the manufacturer at the address given in item 2 or calling 305-655-2111.

10. TECHNICAL SERVICE

Information concerning technical service can be obtained by writing the manufacturer at the address given in item 2 or calling 305-655-2111.